

CLAIMS

1. An electrical connector comprising:

a housing; and

5 a substantially rectangular case made of a metal and enclosing said housing, said substantially rectangular case having a front opening and including:

at least one connection portion provided on a side of a lower surface of said substantially rectangular
10 case for connection with a corresponding circuit trace of a circuit board;

a resilient lock piece provided between an upper surface and said lower surface of said substantially rectangular case and engaging a mating connector; and

15 a pair of shield pieces provided between said upper and lower surfaces and brought into contact with a shield case of said mating connector, wherein said upper surface is made flat, said resilient lock piece has a bending portion at said front opening of said substantially
20 rectangular case, which is bent from said lower surface toward an inner of said substantially rectangular case, and said shield pieces are provided on sides of said resilient lock piece.

2. The electrical connector according to claim 1,
25 wherein said upper surface has a width smaller than that of said lower surface.

3. The electrical connector according to claim 1,
wherein said substantially rectangular case is made by bending a metal sheet around an axis of said substantially
30 rectangular case or a plugging direction of said mating connector and has a joint of edges of said metal sheet in said upper surface.

4. The electrical connector according to claim 3, wherein said joint is not present in a center of said upper surface.

5 5. The electrical connector according to claim 1, wherein said substantially rectangular case is made by bending a metal sheet around an axis of said substantially rectangular case or a plugging direction of said mating connector and has a joint of edges of said metal sheet in a side surface thereof.

10 6. The electrical connector according to claim 1, wherein said bent portion has a curvature.

7. The electrical connector according to one of claims 1-5, wherein said substantially rectangular case has a lower opening in at least part of said lower surface to
15 accommodate a bottom section of said housing.

8. The electrical connector according to one of claims 1-5 and 7, wherein said substantially rectangular case has a projection portion extending forwardly from part of an edge of said front opening.

20 9. The electrical connector according to claim 1, 5, or 6, wherein a lower side of said bent portion of said resilient lock piece is positioned lower than that of a plane of said housing fixed to said circuit board.